

XIAP recombinant protein

XIAP Protein

CATALOG # AAA72899	HOST Sf9 insect cells	APPLICATIONS Western Blot
------------------------------	---------------------------------	-------------------------------------

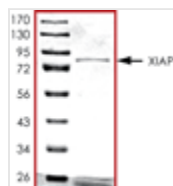
PRODUCT SYNONYMS

XIAP; XIAP Protein; API3; ILP1; MIHA; XLP2; BIRC4; XIAP recombinant protein

PRODUCT SPECIFICATIONS

Host	Sf9 insect cells
Purity/Purification	>90%
Form/Format	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Concentration	0.2ug/ul (varies by lot)
Sequence Length	8460
Applicable Applications for XIAP recombinant protein	WB (Western Blot)
Type	Recombinant Fusion Protein
Species	Human
Tag Information	GST tag
Expression System	Sf9 insect cells using baculovirus
Source Note	Recombinant full-length human XIAP was expressed by baculovirus in Sf9 insect cells
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles. Shipping: Ships with Dry Ice

IMAGES



SDS-PAGE

The purity was determined to be >90% densitometry. Approx. MW 84kDa

ADDITIONAL INFORMATION

Related Product Information for XIAP recombinant protein	Recombinant full-length human XIAP was expressed by baculovirus in Sf9 insect cells using a C-terminal GST tag. Scientific Background: XIAP is a member of a family of proteins which inhibit apoptosis and act as mammalian cell-death suppressors. XIAP inhibits at least 2 members of the caspase family of cell-death proteases, caspase-3 and caspase-7 (1). In addition, XIAP inhibits apoptosis induced by menadione, a potent inducer of free radicals, and ICE. Furthermore, XIAP can mediate protection of cells from apoptosis by utilizing both a JNK1 activation pathway that involves ILPIP and a caspase inhibition pathway that is independent of ILPIP (2). Disruption of the XIAP gene in human colon cancer cells can enhance sensitivity of these cells to exogenously added TRAIL suggesting that XIAP is a nonredundant modulator of TRAIL-mediated apoptosis.
Product Categories/Family for XIAP recombinant protein	Apoptosis Proteins; Signaling Proteins - Apoptosis Proteins
References	1.Deveraux Q L, et al: X-linked X-linked IAP is a direct inhibitor of cell-death proteases. Nature 388: 300-304, 1997. 2.Tang G, et al: Inhibition of JNK activation through NF- kappa-B target genes. Nature 414: 313-317, 2001.

NCBI AND UNIPROT INFORMATION

NCBI GI #	324711007
NCBI GeneID	331
NCBI Accession #	NP_001158.2
NCBI GenBank Nucleotide #	NM_001167
UniProt Accession #	P98170; Q9NQ14; D3DTF2
Molecular Weight	84 kDa
NCBI Official Full Name	Homo sapiens X-linked inhibitor of apoptosis (XIAP), transcript variant 1, mRNA
NCBI Official Synonym Full Names	X-linked inhibitor of apoptosis
NCBI Official Symbol	XIAP
NCBI Official Synonym Symbols	API3; ILP1; MIHA; XLP2; BIRC4; IAP-3; hIAP3; hIAP-3
NCBI Protein Information	E3 ubiquitin-protein ligase XIAP; X-linked IAP; IAP-like protein; inhibitor of apoptosis protein 3; baculoviral IAP repeat-containing protein 4
UniProt Protein Name	E3 ubiquitin-protein ligase XIAP
UniProt Gene Name	XIAP
UniProt Synonym Gene Names	API3; BIRC4; IAP3; ILP; hILP; IAP-3; hIAP-3; hIAP3
UniProt Entry Name	XIAP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/xiap-recombinant-protein-sf9-insect-cells-wb-western-blot/72899>